



#13 09/733,235  
D.J. 11-04  
Sp. 2686  
Reverse P/A

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re Application of:

Robert M. Forman

Serial No.:

09/733,235

Filing Date:

December 8, 2000

Examiner:

Not yet assigned

Group Art Unit:

Unknown

Title:

SYSTEM AND METHOD FOR INTERFACING SATELLITE  
COMMUNICATIONS WITH AIRCRAFT

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Technology Center 2000

Certification Under 37 C.F.R. 1.8

Date of Mailing: October 23, 2003

I hereby certify that I have caused the documents indicated below to be deposited with the United States Postal Service to Addressee via first class mail under 37 CFR § 1.8 on the date indicated above and addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Rebecca J. Morrison*

Rebecca J. Morrison

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REVOCATION AND POWER OF ATTORNEY**

Dear Sir:

Please revoke any existing Power of Attorney and appoint the following attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office in connection therewith and to file and prosecute any corresponding international patent applications with and before any international authorities under the Patent Cooperation Treaty:

Robert A. McLauchlan, Reg. No. 44,924

Mary Jo Bertani, Reg. No. 42,321

Ken J. Koestner, Reg. No. 33,004

all of the law firm of Koestner Bertani, LLP;

MCGOWAN, John F., (Reg. No. 37,392) of Lockheed Martin Corporation;

and the firm of:

Koestner Bertani, LLP

4201 West Parmer Lane, Suite A100

Austin, Texas 78727

United States of America

Please send correspondence to: Robert A. McLauchlan, Koestner Bertani, LLP, P.O. Box 26780, Austin, Texas 78755, and direct all telephone calls to Mr. McLauchlan at (512) 339-4100.

Certificate Under 37 C.F.R. § 3.73(b)

Lockheed Martin Corporation, a Maryland corporation, having a place of business at 6801 Rockledge Drive, Bethesda, Maryland 20817, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application identified above (copy attached).

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee pursuant to a Delegation of Authority dated August 30, 2001 (copy attached).

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Please direct all correspondence in this application to:

Robert A. McLauchlan, Reg. No. 44,924  
Koesner Bertani, L.L.P.  
PO Box 26780  
Austin, Texas 78755  
(512)339-4100

Date: June 17, 2003

By: 

John F. McGowan  
Associate General Counsel  
Lockheed Martin Corporation

Lockheed Martin Corporation  
6801 Rockledge Drive Bethesda, MD 20817  
Telephone 301-897-6837 Facsimile 301-897-6606

**LOCKHEED MARTIN** 

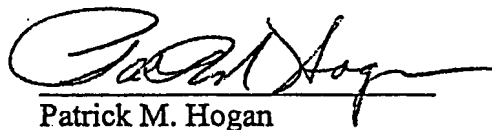
**Patrick M. Hogan**  
Vice President and Associate General Counsel  
Intellectual Property & Technology Law

Date: August 30, 2001  
To: John F. McGowan, Associate General Counsel  
From: Patrick M. Hogan  
Subject: **DELEGATION OF AUTHORITY**

Pursuant to the Delegation of Authority dated March 10, 1997 from the Senior Vice President and General Counsel to the undersigned, and pursuant to the specific authority relating to Intellectual Property delegated therein, along with the power to further delegate such authority to others, the undersigned hereby delegates to you the authority to:

Execute, and deliver on behalf of the Corporation and its subsidiaries such appropriate powers of attorney, applications, declarations, affidavits, certifications and other appropriate documents required in connection with the filing, prosecution, issuance, registration, maintenance, renewal, extension, abandonment, enforcement, defense, and litigation of intellectual property rights including domestic and foreign patent applications and registrations, including, but not limited to, the filing of petitions, protests, oppositions, complaints, replies, defenses, declarations, appeals documents relating to use and workings, and the payment of fees and taxes, the correction or change of name and address, the recording of assignments and licenses, and the entering of other relevant information on the records, and otherwise the handling of whatever is necessary before the appropriate authorities and courts of the United States and foreign countries.

This delegation shall be effective immediately and shall cease to be effective upon the first to occur of any of the following: the execution and delivery to you of a revocation of this delegation by the undersigned or any officer of Lockheed Martin Corporation or the termination for any reason of your employment with Lockheed Martin Corporation.



Patrick M. Hogan  
Vice President  
and Associate General Counsel

DOCKETED

MAY 31 2001

GRAYCARY/S LANG

MAY 21, 2001

GRAY CARY WARE & FREINDENRICH LLP  
ARMANDO A. PASTRANA  
100 CONGRESS AVENUE  
SUITE 1440  
AUSTIN, TEXAS 78701



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*101641201A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/12/2001

REEL/FRAME: 011586/0170  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
FORMAN, ROBERT M.

DOC DATE: 01/08/2001

ASSIGNOR:  
MENGIS, CHRISTOPER S.

DOC DATE: 01/08/2001

ASSIGNOR:  
SCHIAVONE, ANTHONY J.

DOC DATE: 01/08/2001

ASSIGNEE:  
LOCKHEED MARTIN CORPORATION  
6801 ROCKLEDGE DRIVE  
BETHESDA, MARYLAND 20817

SERIAL NUMBER: 60170292  
PATENT NUMBER:

FILING DATE: 12/10/1999  
ISSUE DATE:

011586/0170 PAGE 2

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

Form PTO-1595

03-20-2001

Attorney Docket No.: LOCK1800-1

3-12-01

RI



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To the Honorable Commissioner for Patents &amp; thereof.

ed original documents or copy

## 1. Name of Conveying party(ies):

Robert M. Forman  
409 Beverly Street  
Keller, Texas 76248



## 2. Name and address of receiving Party(ies):

Name: Lockheed Martin Corporation  
6801 Rockledge Drive  
Bethesda, MD 20817

Citizenship: United States of America

State of Incorporation: Maryland

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

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## 3. Nature of conveyance:

☒ : Assignment  
☐ : Security Agreement  
☐ : Other \_\_\_\_\_

☐ : Merger  
☐ : Change of name

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Execution Date: January 8, 2001

4. Application number(s) or patent number(s): 09/733,235 filed December 8, 2000, which is a conversion of U.S. Provisional Appln. Serial No. 60/170,292, filed on December 10, 1999 on Reel/Frame 010566/0219

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) see above

B. Patent No.(s)

Additional numbers attached? Yes : ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name Customer No. 25094  
Gray Cary Ware & Freidenrich LLP  
100 Congress Avenue, Suite 1440  
Austin, Texas 78701

6. Total number of Applications and patents involved: 1

7. Total fee (37 CFR 3.41)....\$ 40.00

8. ☒ Enclosed

9. ☐ Authorized to charge the recordation fee or any underpayment to deposit account No. 50-0456.  
A duplicate copy of this page is attached.

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Armando A. Pastrana  
Registration No. 44,997

Date

Total number of pages including cover sheet, attachments, and document: 5

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01-000001

49.00

RECORDATION FORM COVER SHEET  
PATENTS ONLYAdditional Names of Conveying parties:

Christopher S. Mengis  
8108 Saddlebrook Drive  
Fort Worth, Texas 76116  
Citizenship: United States of America

Anthony J. Schiavone  
10321 Gray Oak Lane  
Fort Worth, Texas 76108  
Citizenship: United States of America

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## ASSIGNMENT

This Assignment is made by **Robert M. Forman** of Keller, Texas, **Christopher S. Mengis** and **Anthony J. Schiavone**, both of Fort Worth, Texas ("Assignors").

WHEREAS, Assignors have invented a new and useful invention entitled **System and Method for Interfacing Satellite Communication with Aircraft**, for which an application for United States Letters Patent is made, said application having been filed with the U.S. Patent and Trademark Office on December 8, 2000 and accorded Serial No. 09/733,235. *This application is a conversion of provisional application Serial No. 60/170,292 filed on December 10, 1999 and recorded by the Assignment Division on January 18, 2000 on Reel/Frame 010566/0219; and*

WHEREAS, Assignors believe themselves to be the original inventors of the invention disclosed and claimed in said application for Letters Patent; and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said invention, said application and any Letters Patent that may be granted for said inventions in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the invention and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors sell, assign, and transfer to **LOCKHEED MARTIN CORPORATION** (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said invention, said application and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and/or their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said invention, said application, and any Letters Patent granted for said invention in the United States and throughout the world.



Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

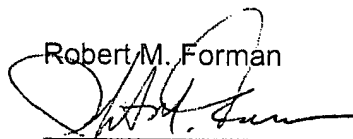
Assignors authorize and request the Assistant Commissioner for Patents of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment on the dates provided below.

Full name of first inventor:

Robert M. Forman

Inventor's signature:



Date:

Jan 5, 2001

Residence (City, County, State)

Keller, Tarrant, Texas

Citizenship:

United States of America

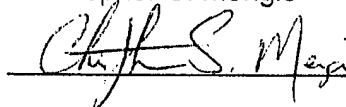
Post Office Address:

409 Beverly Street  
Keller, Texas 76248

Full name of second inventor:

Christopher S. Mengis

Inventor's signature:



Date:

Jan 8, 2001

Residence (City, County, State)

Fort Worth, Tarrant, Texas

Citizenship:

United States of America

Post Office Address:

8108 Saddlebrook Drive  
Fort Worth, Texas 76116

Full name of third inventor:

Anthony J. Schiavone

Inventor's signature:

Anthony J. Schiavone

Date:

1/3/2000

Residence (City, County, State)

Fort Worth, Tarrant, Texas

Citizenship:

United States of America

Post Office Address:

10321 Gray Oak Lane  
Fort Worth, Texas 76108